

Abstract

The invention relates to the use of perfluoroalkyl-containing metal complexes that have a critical micelle formation concentration $< 10^{-3}$ mol/l, a hydrodynamic micelle diameter ($2 R_h$) > 1 nm and a proton relaxivity in plasma (R^1) > 10 l/mmol·s) as contrast media in MR imaging for visualization of plaque, lymph nodes, infarcted and necrotic tissue and for independent visualization of necrotic tissue and tumor tissue.

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